WHAT IS CLAIMED IS:

SUB A2

1. A vehicle-onboard AC generator, comprising:

a stator comprised of a stator core and a stator winding assembly including a plurality of stator windings;

a rotor disposed in a state enclosed by said stator core; and

a rectifier device for rectifying an AC power taken out from said stator winding assembly,

wherein in said stator, a plurality of outgoing conductors forming output conductor end portions and connecting conductor end portions, respectively, are brought out substantially in parallel with a center axis of said stator core,

wherein said connecting conductor end portions are connected to an intermediate connecting member provided independently from said rectifier device and disposed on said stator at a position offset laterally from the center axis thereof, said stator windings being interconnected in a predetermined connection pattern through the medium of said intermediate connecting member, and

wherein said output conductor end portions through which said AC power is taken out are connected to said rectifier device.

2. A vehicle-onboard AC generator according to claim 1,

wherein said connecting conductor end portions also form a neutral point output conductor which is connected to said rectifier device.

3. A vehicle-onboard AC generator according to claim 1,

wherein said intermediate connecting member is implemented as a wiring terminal member which is formed of a same copper series metal as a wiring conductor.

4. A vehicle-onboard AC generator according to claim 3,

wherein said wiring terminal member is molded.

5. A vehicle-onboard AC generator according to claim 3,

wherein said wiring terminal member is secured fittingly in a circuit board on which at least said rectifier device is implemented.

6. A vehicle-onboard AC generator according to claim 3,

wherein said wiring terminal member is welded to an insert terminal member in advance to be subsequently molded.

7. A vehicle-onboard AC generator according to claim 3,

wherein said wiring terminal member is made of a metal plate undergone a surface treatment.

8. A vehicle-onboard AC generator according to claim 3,

wherein said wiring terminal member is made of a bare copper wire.

9. A vehicle-onboard AC generator according to claim 3,

wherein said wiring terminal member is implemented in a structure having an L-shaped cross-section.

10. A vehicle-onboard AC generator according to claim 1,

wherein said connecting conductor end portions are provided with round terminals, respectively, and

wherein connection of said connecting conductor end portions with said intermediate connecting member is realized by means of screws.

11. A vehicle-onboard AC generator according to claim 1,

wherein said output conductor end portions are provided with round terminals, respectively, and

wherein connection of said output conductor end portions to said rectifier device is realized by means of screws.

12. A vehicle-onboard AC generator according to claim 1,

wherein each connecting portion of said intermediate connecting member for connection with said connecting conductor end portions is implemented in the form of a U-like segment, and

wherein said connecting conductor end portion is fixedly secured to said U-like segment through press fitting.